

Docket No. 2001-062-TAP

**CLAIMS:**

What is claimed is:

- 1 1. A method for scaling a media storage library,  
 2 wherein the library comprises a plurality of media  
 3 storage cells and at least one media picker robot, the  
 4 method comprising:  
 5 connecting a new physical component to a section of  
 6 the library; and  
 7 integrating the new physical component into the  
 8 function of the library by auditing the content and  
 9 function of the new component;  
 10 wherein the library maintains current operation  
 11 during the connection and functional integration of the  
 12 new component.
- 1 2. The method according to claim 1, wherein the new  
 2 physical component is a picker robot.
- 1 3. The method according to claim 1, wherein the new  
 2 physical component is a storage cell array.
- 1 4. The method according to claim 1, wherein the new  
 2 physical component is a media player.
- 1 5. The method according to claim 1, wherein the new  
 2 physical component is a second storage library.
- 1 6. The method according to claim 5, wherein the storage  
 2 libraries are connected by means of a pass-through

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Docket No. 2001-062-TAP

3 mechanism that passes media cartridges between picker  
4 robots in the respective libraries.

1 7. The method according to claim 1, further comprising:  
2 defining at least one work zone within the library,  
3 wherein the <sup>at least one</sup> picker robot stays out of the work zone,  
4 while continuing to operate in other areas of the  
5 library.

1 8. The method according to claim 7, wherein the defined  
2 work area <sup>zone</sup> is associated with an open service door in an  
3 enclosure surrounding the library components.

1 9. The method according to claim 1, wherein the <sup>at least one</sup> picker  
2 robot in the media storage library moves along  
3 interconnected guide rails.

1 10. The method according to claim 1, wherein the media  
2 storage library further comprises a plurality of picker  
3 robots.

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